

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Appln. No: To Be Assigned  
Applicant: Yuichiro Sasaki, et al.  
Filed: Herewith  
Title: IMPURITY INTRODUCING METHOD, APPARATUS USED  
FOR THE METHOD AND COMPONENT DEVICES  
TC/A.U.: To Be Assigned  
Examiner: To Be Assigned

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98 and to the duty of disclosure set forth in 37 C.F.R. § 1.56, the Examiner in charge of the above-identified application is requested to consider and make of record the references listed on the PTO 1449 (RP) submitted herewith. A copy of the references listed on the 1449 form is enclosed.

Although the information submitted herewith may be "material" to the Examiner's consideration of the subject application, this submission is not intended to constitute an admission that such information is "prior art" as to the claimed invention.

In accordance with 37 C.F.R. § 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made.

The following Japanese references are not in the English language:

- 1) 09-007962
- 2) 08-172214
- 3) 09-283456
- 4) 11-204450
- 5) 10-135244

References 1) - 5) include an English language abstract.

MAT-8675US

10/526999

PATENT

DT01 Rec'd PCT/PTC 0.7 MAR 2005

References 1) - 5) were cited in a search report by a foreign Patent Office in a patent application corresponding to the above-identified patent application. A copy of this Japanese search report, which indicates the degree of relevance found by the foreign office, is transmitted herewith.

This Information Disclosure Statement is being filed concurrently with the above-referenced application.

Respectfully submitted,

Lawrence E. Ashery, Reg. No. 34,515  
Attorney for Applicants

LEA/dmw

Enclosures: PTO Form 1449  
(11) References

Dated: March 7, 2005

P.O. Box 980  
Valley Forge, PA 19482  
(610) 407-0700

The Commissioner for Patents is hereby  
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I hereby certify that this paper and fee are being deposited, under 37 C.F.R. § 1.10 and with sufficient postage, using the "Express Mail Post Office to Addressee" service of the United States Postal Service on the date indicated above and that the deposit is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Kathleen Libby

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**Complete if Known**

**(Use as many sheets as necessary)**

Application Number

### To Be Assigned

10 / 526999

Filing Date

**Herewith**

First Named Inventor

Yuichiro Sasaki, et al.

### Art Unit

### To Be Assigned

**Examiner Name**

### To Be Assigned

Attorney Docket No.

MAT-8675US

[illegible]

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date (MM-DD-YYYY)	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (If known)				
		JP 09-007962 A (with English Abstract)	01/10/1997	HITACHI LTD		<input type="checkbox"/>
		JP 08-172214 A (with English Abstract)	07/02/1996	SEIKO INSTR INC		<input type="checkbox"/>
		JP 09-283456 A (with English Abstract)	10/31/1997	NIPPON TELEGR & TELEPH CORP <NTT>		<input type="checkbox"/>
		JP 11-204450 A (with English Abstract)	07/30/1999	HITACHI LTD		<input type="checkbox"/>
		EP 0 430 168 A2	06/05/1991	SEIKO INSTRUMENTS INC		<input type="checkbox"/>
		JP 10-135244 A (with English Abstract)	05/22/1998	FUJITSU LTD		<input type="checkbox"/>

Date  
Considered

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /A.S./

Substitute for Form 1449B/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number

To Be Assigned

10/526999

Filing Date

Herewith

First Named Inventor

Yuichiro Sasaki, et al.

Art Unit

To Be Assigned 2891

Examiner Name

To Be Assigned Sarkar

SHEET 2 of 2

Attorney Docket No.

MAT-8675US

**NON-PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
		Japanese Search Report for PCT/JP03/12001, dated November 17, 2004.	<input type="checkbox"/>
		D. LENOBLE, ET AL., "Reliable and enhanced performances of sub-0.1 $\mu\text{m}$ pMOSFETs doped by low biased Plasma Doping", 2000 Symposium on VLSI Technology Digest of Technical Papers, pages 110-111.	<input type="checkbox"/>
		YUKIHIRO KİYOTA, "Surface Reaction Doping using Gas Source for Ultra Shallow Junctions", Japan Society of Applied Physics, pages 19 through 22.	<input type="checkbox"/>
		YUKIHIRO KİYOTA, ET AL., "Role of hydrogen during rapid vapor-phase doping analyzed by x-ray photoelectron spectroscopy and Fourier-transform infrared-attenuated total reflection", pages 1-5, J. Vac. Sci. Technol. A 16(1) Jan/Feb 1998, American Vacuum Society.	<input type="checkbox"/>
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Examiner  
Signature

/Asok Sarkar/

Date  
Considered

04/03/2009

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

<sup>1</sup>Applicant's unique citation designation number (optional).

<sup>2</sup>Applicant is to place a check mark here if English language translation is attached.

The collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS.

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